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Group Art Unit 1645

REMARKS

Applicants have amended the specification such that the "Brief Description of the Drawings" accurately describes the panels of the Formal Drawings submitted herewith. Appendix A sets forth a **"Version with Markings to Show Changes Made"**. Applicants have also amended the title. *No new matter has been added.*

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Box Missing Parts, Commissioner of Patent, Washington, D.C. 20231 on

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Date

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APPENDIX A
VERSION WITH MARKINGS TO SHOW CHANGES MADE

The title appearing at pages 1 and 93 has been replaced with the following title:
[ATCR-1] 56919, A NOVEL HUMAN ACYLTRANSFERASE AND USES THEREOF

The paragraph beginning at page 4, line 22, has been replaced with the following rewritten paragraph:

Figure [1A-C] 1A-E depicts the nucleotide sequence of the human ACTR-1 cDNA and the corresponding amino acid sequence. The nucleotide sequence corresponds to nucleic acids 1 to 3003 of SEQ ID NO:1. The amino acid sequence corresponds to amino acids 828 of SEQ ID NO:2. The coding region without the 5' or 3' untranslated regions of the human ACTR-1 gene is shown in SEQ ID NO:3.

The paragraph beginning at page 4, line 29, has been replaced with the following rewritten paragraph:

Figure 3A-B depicts the results of a search which was performed against the HMM database and which resulted in the identification of an "acyltransferase domain" in the human ACTR-1 protein (SEQ ID NO:2).

The paragraph beginning at page 4, line 32, has been replaced with the following rewritten paragraph:

Figure [4A-G] 4A-H depicts the results of a search which was performed against the ProDom database and which resulted in the local alignment of the human ACTR-1 protein with acyltransferase proteins.

The paragraph beginning at page 5, line 8, has been replaced with the following rewritten paragraph:

Figure [7] 7A-D is a graph depicting the relative expression of ATCR-1 in various human tissues as determined by a TaqMan® Quantitative Polymerase Chain Reaction analysis.

The paragraph beginning at page 5, line 11, has been replaced with the following rewritten paragraph:

Figure [8] 8A-D is a graph depicting the relative expression of ATCR-1 in various human tissues as determined by a TaqMan® Quantitative Polymerase Chain Reaction analysis.

The paragraph beginning at page 5, line 14, has been replaced with the following rewritten paragraph:

Figure [9] 9A-B is a graph depicting the relative expression of ATCR-1 various liver, heart and adipose tissues as determined by a TaqMan® Quantitative Polymerase Chain Reaction analysis.